



Third Party Software List

libportalsjaws-api.jar 2.3.0 JAX-WS (JSR 224) API <https://github.com/javaejax-ws-spec/CDDL-1.1> (<https://oss.oracle.com/licenses/CDDL-1.1>)

File Name	Version	Project	License	Comments
com.liferay.adaptive.media.image.impl.jar/metadata-extractor.jar	2.10.0	metadata-extractor (https://drewnoakes.com/code/extract/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.adaptive.media.image.impl.jar/xmpcore.jar	5.1.3	XMP Library for Java (http://www.adobe.com/devnet/xmp/html)	The BSD License (http://www.adobe.com/devnet/xmp/library/eula-xmp-library-java.html)	
com.liferay.adaptive.media.image.service.jar/jsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)	
com.liferay.adaptive.media.test.util.jar/jsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)	
com.liferay.adaptive.media.upload.jar/jsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)	
com.liferay.alloy.mvc.jar/asm-utf.jar	4.1	ASM Utilities (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.alloy.mvc.jar/asm.jar	4.1	ASM Core (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.analytics.data.binding.impl.jar/jackson-annotations.jar	2.8.3	Jackson-annotations (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.analytics.data.binding.impl.jar/jackson-core.jar	2.8.3	Jackson-core (https://github.com/FasterXML/jackson-core)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.analytics.data.binding.impl.jar/jackson-databind.jar	2.8.3	jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/cdi-api.jar	2.0	CDI APIs (http://cdi-spec.org/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.html)	
com.liferay.apio.architect.impl.jar/commons-fileupload.jar	1.3.3	Apache Commons FileUpload (http://commons.apache.org/proper/commons-fileupload/)	Apache License, Version 2.0 (https://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/commons-io.jar	1.3.2	Commons IO (http://jakarta.apache.org/commons/io/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/commons-lang3.jar	3.8	Apache Commons Lang (http://commons.apache.org/proper/commons-lang/)	Apache License, Version 2.0 (https://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/el-api.jar	2.2	Expression Language API (2.1 Maintenance Release)		
com.liferay.apio.architect.impl.jar/jackson-annotations.jar	2.9.6	Jackson-annotations (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/jackson-core.jar	2.9.6	Jackson-core (https://github.com/FasterXML/jackson-core)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/jackson-databind.jar	2.9.6	jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/javax-inject.jar	1	javax.inject (http://code.google.com/p/inject/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.impl.jar/javax-interceptor-api.jar	1.2	javax.interceptor API (http://interceptors-spec.java.net)	CDDL + GPLv2 with classpath exception (https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)	
com.liferay.apio.architect.impl.jar/org.osgi.service.log.jar	1.3.0	org.osgi.org.osgi.service.log (http://www.osgi.org/)	Apache License, Version 2.0 (http://opensource.org/licenses/apache2.0.php)	
com.liferay.apio.architect.impl.jar/portlet-api.jar	3.0.0	Java Portlet API V3.0 (http://portals.apache.org/pluto/portlet-api)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.test.util.jar/jackson-annotations.jar	2.9.6	Jackson-annotations (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.test.util.jar/jackson-core.jar	2.9.6	Jackson-core (https://github.com/FasterXML/jackson-core)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.apio.architect.test.util.jar/jackson-databind.jar	2.9.6	jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.blogs.service.jar/jericho-html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)	
com.liferay.calendar.api.jar/com.google.ical.jar	20110304	com.google.ical	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)	
com.liferay.calendar.service.jar/backport-util-concurrent.jar	3.1	Backport of JSR 166 (http://backport-jsr166.sourceforge.net/)	Public Domain (http://creativecommons.org/licenses/publicdomain)	
com.liferay.calendar.service.jar/net.fortuna.ical4j.jar	1.0	ical4j (http://ical4j.sourceforge.net)	ical4j - License ()	
com.liferay.captcha.api.jar/imaging.jar	01012005	com.jhlabs.imaging		
com.liferay.captcha.api.jar/ni.captcha.simplecaptcha.jar	1.1.1	com.liferay.ni.captcha.simplecaptcha		
com.liferay.comment.sanitizer.jar/guava.jar	19.0.20150826	Guava: Google Core Libraries for Java (https://guava-libraries.googlecode.com/)	http://www.apache.org/licenses/LICENSE-2.0.txt (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.comment.sanitizer.jar/owasp-java-html-sanitizer.jar	r239	OWASP Java HTML Sanitizer (http://code.google.com/p/owasp-java-html-sanitizer)	New BSD License (http://www.opensource.org/licenses/bsd-license.php)	
com.liferay.configuration.admin.web.jar/org.apache.felix.fileinstall.jar	3.5.4.LIFERAY-PATCHED-3	Apache Felix File Install (http://felix.apache.org/site/apache-felix-file-install.html)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.document.conversion.jar/jodconverter.jar	2.2.0	JODConverter (http://www.artofsolving.com/opensource/jodconverter/)	GNU Lesser General Public License, Version 2.1 (http://www.gnu.org/licenses/lgpl.html)	
com.liferay.document.library.document.conversion.jar/jurt.jar	2.3.0	OpenOffice.org "javaunochealer" module (http://udk.openoffice.org)	GNU Lesser General Public License, Version 2.1 (http://www.gnu.org/licenses/lgpl.html)	
com.liferay.document.library.document.conversion.jar/jurt.jar	2.3.0	OpenOffice.org "jurt" module (http://udk.openoffice.org)	GNU Lesser General Public License, Version 2.1 (http://www.gnu.org/licenses/lgpl.html)	
com.liferay.document.library.document.conversion.jar/jtid.jar	2.3.0	OpenOffice.org "tid.jar" module (http://udk.openoffice.org)	GNU Lesser General Public License, Version 2.1 (http://www.gnu.org/licenses/lgpl.html)	
com.liferay.document.library.document.conversion.jar/unoil.jar	2.3.0	OpenOffice.org "unoil" module (http://udk.openoffice.org)	GNU Lesser General Public License, Version 2.1 (http://www.gnu.org/licenses/lgpl.html)	
com.liferay.document.library.google.docs.jar/org.freemarker.jar	2.3.23.LIFERAY-PATCHED-4	org.freemarker.freemarker	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)	
com.liferay.document.library.repository.cmis.impl.jar/chemistry-opencmis-client-api.jar	0.14.0	OpenCMIS Client API (https://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-api/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/chemistry-opencmis-client-bindings.jar	0.14.0	OpenCMIS Client Bindings Implementation (https://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-bindings/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/chemistry-opencmis-client-impl.jar	0.14.0	OpenCMIS Client Implementation (https://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-impl/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/chemistry-opencmis-commons-api.jar	0.14.0	OpenCMIS Commons API (https://chemistry.apache.org/java/chemistry-opencmis-commons/chemistry-opencmis-commons-api/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/chemistry-opencmis-commons-impl.jar	0.14.0	OpenCMIS Commons Implementation (https://chemistry.apache.org/java/chemistry-opencmis-commons/chemistry-opencmis-commons-impl/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-api.jar	2.7.11	Apache CXF API (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-ft-bindings-soap.jar	2.7.11	Apache CXF Runtime SOAP Binding (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-ft-bindings-xml.jar	2.7.11	Apache CXF Runtime XML Binding (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-core.jar	2.7.11	Apache CXF Runtime Core (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-databinding-jaxb.jar	2.7.11	Apache CXF Runtime JAXB DataBinding (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-frontend-jaxws.jar	2.7.11	Apache CXF Runtime JAX-WS Frontend (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-frontend-simple.jar	2.7.11	Apache CXF Runtime Simple Frontend (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-transport-http.jar	2.7.11	Apache CXF Runtime HTTP Transport (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-ws-addr.jar	2.7.11	Apache CXF Runtime WS Addressing (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/cxf-rt-ws-policy.jar	2.7.11	Apache CXF Runtime WS Policy (http://cxf.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.cmis.impl.jar/neethi.jar	3.0.3	Apache Neethi (http://ws.apache.org/neethi/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.search.jar/lucene-analyzers-common.jar	5.2.1	Lucene Common Analyzers	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.search.jar/lucene-core.jar	5.2.1	Lucene Core	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.search.jar/lucene-queries.jar	5.2.1	Lucene Queries	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.search.jar/lucene-queryparser.jar	5.2.1	Lucene QueryParsers	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.document.library.repository.search.jar/lucene-sandbox.jar	5.2.1	Lucene Sandbox	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	
com.liferay.dynamic.data.lists.service.jar/poi.jar	3.15	Apache POI (http://poi.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)	

com.liferay.dynamic.data.mapping.data.provider.impl.jarHdrHistogram.jar	2.1.9	HdrHistogram (http://hdrhistogram.github.io/HdrHistogram/)	Public Domain, per Creative Commons CC0 (http://creativecommons.org/publicdomain/zero/1.0/)
com.liferay.dynamic.data.mapping.data.provider.impl.jarAccessors-smart.jar	1.1	ASM based accessors helper used by json-smart (http://www.minidev.net/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarArchaius-core.jar	0.4.1	com.netflix.archaius:archaius-core	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarasm.jar	5.0.3	ASM Core (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarcommons-configuration.jar	1.8	Commons Configuration (http://commons.apache.org/configuration/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarhystrix-core.jar	1.5.11	hystrix-core (https://github.com/Netflix/hystrix)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarjodd-core.jar	3.8.6	Jodd Core (http://jodd.org)	The BSD 2-Clause License (http://jodd.org/license.html)
com.liferay.dynamic.data.mapping.data.provider.impl.jarjodd-http.jar	3.8.6	Jodd HTTP client (http://jodd.org)	The BSD 2-Clause License (http://jodd.org/license.html)
com.liferay.dynamic.data.mapping.data.provider.impl.jarjson-path.jar	2.2.0	Json Path (https://github.com/jayway/JsonPath)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarjson-smart.jar	2.2.1	JSON Small and Fast Parser (http://www.minidev.net/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.data.provider.impl.jarrxjava.jar	1.2.0	rxjava (https://github.com/ReactiveX/RxJava)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.dynamic.data.mapping.expression.jarantlr4-runtime.jar	4.3	ANTLR 4 Runtime	The BSD License (http://www.antlr.org/license.html)
com.liferay.dynamic.data.mapping.expression.jarorg.abego.treelayout.core.jar	1.0.1	abego TreeLayout Core (http://code.google.com/p/treelayout/)	BSD 3-Clause "New" or "Revised" License (BSD-3-Clause) (http://treelayout.googlecode.com/files/LICENSE.TXT)
com.liferay.dynamic.data.mapping.form.values.query.jarantlr4-runtime.jar	4.3	ANTLR 4 Runtime	The BSD License (http://www.antlr.org/license.html)
com.liferay.dynamic.data.mapping.form.values.query.jarorg.abego.treelayout.core.jar	1.0.1	abego TreeLayout Core (http://code.google.com/p/treelayout/)	BSD 3-Clause "New" or "Revised" License (BSD-3-Clause) (http://treelayout.googlecode.com/files/LICENSE.TXT)
com.liferay.dynamic.data.mapping.io.jarpoi.jar	3.15	Apache POI (http://poi.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.fragment.api.jarjsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.fragment.entry.processor.editable.jarjsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.fragment.entry.processor.portlet.jarorg.jsoup.jar	1.10.2.LIFERAY-PATCHED-3	org.jsoup	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)
com.liferay.fragment.impl.jarjsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.fragment.service.jarjsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.frontend.css.rtf.servlet.jarlannotations.jar	2.0.3	FindBugs-Annotations (http://findbugs.sourceforge.net/)	GNU Lesser Public License (http://www.gnu.org/licenses/lgpl.html)
com.liferay.frontend.css.rtf.servlet.jarph-commons.jar	6.2.4	ph-commons (https://github.com/phax/ph-commons/ph-commons)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.frontend.css.rtf.servlet.jarph-css.jar	4.1.0	ph-css (https://github.com/phax/ph-css)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.frontend.css.rtf.servlet.jarSlf4j-api.jar	1.7.10	SLF4J API Module (http://www.slf4j.org)	MIT License (http://www.opensource.org/licenses/mit-license.php)
com.liferay.frontend.js.loader.modules.extender.jarjson.jar	20140107	JSON in Java (https://github.com/douglascrockford/JSON-java)	The JSON License (http://json.org/license.html)
com.liferay.frontend.js.loader.modules.extender.jarnpm-semver.jar	1.0.0	com.github.yuichi#npm-semver;1.0.0 (https://github.com/yuichi/java-npm-semver)	GNU Lesser General Public License, version 2.1 (https://www.gnu.org/licenses/lgpl-2.1.html)
com.liferay.frontend.js.minifier.jarclosure-compiler.jar	v20180204	Closure Compiler (https://developers.google.com/closure/compiler/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.html)
com.liferay.frontend.js.minifier.jaryuicompressor.jar	2.4.7	yui compressor (http://developer.yahoo.com/yui/compressor/)	BSD License (http://developer.yahoo.com/yui/license.html)
com.liferay.html.preview.processor.image.jarflying-saucer-core.jar	9.1.7	Flying Saucer Core Renderer	GNU Lesser General Public License (LGPL), version 2.1 or later (http://www.gnu.org/licenses/lgpl.html)
com.liferay.html.preview.processor.image.jarjsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.imageio.plugins.jarcommon-image.jar	3.3.2	TwelveMonkeys :: Common :: Image	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarcommon-io.jar	3.3.2	TwelveMonkeys :: Common :: IO	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarcommon-lang.jar	3.3.2	TwelveMonkeys :: Common :: Language support	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-bmp.jar	3.3.2	TwelveMonkeys :: ImageIO :: BMP plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-core.jar	3.3.2	TwelveMonkeys :: ImageIO :: Core	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-hdr.jar	3.3.2	TwelveMonkeys :: ImageIO :: HDR plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-icns.jar	3.3.2	TwelveMonkeys :: ImageIO :: ICNS plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-iff.jar	3.3.2	TwelveMonkeys :: ImageIO :: IFF plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-jpeg.jar	3.3.2	TwelveMonkeys :: ImageIO :: JPEG plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-metadata.jar	3.3.2	TwelveMonkeys :: ImageIO :: Metadata	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-pcx.jar	3.3.2	TwelveMonkeys :: ImageIO :: PCX plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-pict.jar	3.3.2	TwelveMonkeys :: ImageIO :: PICT plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-pnm.jar	3.3.2	TwelveMonkeys :: ImageIO :: PNM plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-psd.jar	3.3.2	TwelveMonkeys :: ImageIO :: PSD plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-sgi.jar	3.3.2	TwelveMonkeys :: ImageIO :: SGI plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-tga.jar	3.3.2	TwelveMonkeys :: ImageIO :: TGA plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-thumbsdb.jar	3.3.2	TwelveMonkeys :: ImageIO :: Thumbs.db plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.imageio.plugins.jarimageio-tiff.jar	3.3.2	TwelveMonkeys :: ImageIO :: TIFF plugin	The BSD License (https://github.com/haraldk/TwelveMonkeys#license)
com.liferay.knowledge.base.markdown.converter.impl.jarasm-analysis.jar	4.1	ASM static code analysis framework (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarasm-tree.jar	4.1	ASM Tree class visitor (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarasm-util.jar	4.1	ASM Utilities (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarasm.jar	4.1	ASM Core (http://asm.objectweb.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarparboiled-core.jar	1.1.6	org.parboiled.core (http://parboiled.org)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarparboiled-java.jar	1.1.6	org.parboiled.java (http://parboiled.org)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.markdown.converter.impl.jarpegdown.jar	1.1.0	pegdown (http://www.pegdown.org)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.knowledge.base.service.jarjericho-html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.marketplace.store.web.jarjscribe.jar	1.3.6	Scribe OAuth Library (http://github.com/fernandezpablo85/scribe-java/blob/master/LICENSE.txt)	MIT (http://github.com/fernandezpablo85/scribe-java/blob/master/LICENSE.txt)
com.liferay.message.boards.service.jarjericho-html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.oauth2.provider.rest.jarjjax.annotation-api.jar	1.3	jvax.annotation API (http://jcp.org/en/jsr/detail?id=250)	CDDL + GPLv2 with classpath exception (https://glassfish.dev.java.net/nonav/public/CDL+GPL.html)
com.liferay.petra.doulos.jarcommons-lang3.jar	3.4	Apache Commons Lang (http://commons.apache.org/proper/commons-lang/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.doulos.jarconcurrentlinkedhashmap-lru.jar	1.4.2	ConcurrentLinkedHashMap (http://code.google.com/p/concurrentlinkedhashmap)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.io.delta.jartrrove4j.jar	3.0.3	GNU Trove (http://trove4j.sf.net)	GNU Lesser General Public License 2.1 (http://www.gnu.org/licenses/lgpl-2.1.txt)
com.liferay.petra.json.web.service.client.jarcommons-codec.jar	1.7	Commons Codec (http://commons.apache.org/codec/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarhttpcomponents-client.jar	4.1.3	HttpComponents Apache HttpAsyncClient (http://hc.apache.org/httpcomponents-asyncclient)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarhttpclient.jar	4.5.3	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarhttpcore-nio.jar	4.4.6	HttpComponents Apache HttpCore NIO (http://hc.apache.org/httpcomponents-core-ga)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarhttpcore.jar	4.4.6	HttpComponents Apache HttpCore (http://hc.apache.org/httpcomponents-core-ga)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarjackson-annotations.jar	2.6.7	Jackson-annotations (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.petra.json.web.service.client.jarjackson-core.jar	2.6.7	Jackson-core (https://github.com/FasterXML/jackson-core)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)

com.liferay.petra.json.web.service.client.jarjackson-databind.jar	2.6.7.1	jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.web.jarjcommon.jar	1.0.16	jcommon (http://www.jfree.org/jcommon/)	GNU Lesser General Public Licence (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.portal.web.jarjfreechart.jar	1.0.13	jfreechart (http://www.jfree.org/jfreechart/)	GNU Lesser General Public Licence (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.portal.mobile.device.detection.fiftyonedegrees.jarcommons-io.jar	1.4	Apache Commons IO Bundle (http://commons.apache.org/IO/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.mobile.device.detection.fiftyonedegrees.jardevice-detection-core.jar	3.2.14.2	com.51degrees.device-detection-core	Mozilla Public License, Version 2.0 (http://www.mozilla.org/MPL/2.0/)
com.liferay.portal.odata.impl.jarjackson-databind.jar	2.8.3	jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.odata.impl.jarodata-commons-api.jar	4.4.0	odata-commons-api (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.odata.impl.jarodata-commons-core.jar	4.4.0	odata-commons-core (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.odata.impl.jarodata-server-api.jar	4.4.0	odata-server-api (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.odata.impl.jarodata-server-core-ext.jar	4.4.0	odata-server-core-ext	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.odata.impl.jarodata-server-core.jar	4.4.0	odata-server-core (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.osgi.web.servlet.jsp.compiler.jarjavax.servlet.jsp.jar	2.3.3-b02.LIFERAY-PATCHED-7	JSP implementation (http://jsp.java.net)	CDDL + GPLv2 with classpath exception (http://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)
com.liferay.portal.osgi.web.servlet.jsp.compiler.jarjavax.servlet.jsp.jsst.jar	1.2.3	JavaServer Pages (TM) TagLib Implementation (http://jsst.java.net)	CDDL + GPLv2 with classpath exception (http://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)
com.liferay.portal.osgi.web.wab.extender.jarjavax.servlet.jsp.jar	2.3.3-b02.LIFERAY-PATCHED-7	JSP implementation (http://jsp.java.net)	CDDL + GPLv2 with classpath exception (http://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)
com.liferay.portal.osgi.web.wab.generator.impl.jarbiz.aQute.bndlib.jar	3.3.0	bndlib (http://bnd.bndtools.org/)	Apache-2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.remote.axis.extender.jaraxis-wsd4j.jar	1.5.1	WSD4J	
com.liferay.portal.remote.axis.extender.jarorg.apache.axis.jar	1.4.LIFERAY-PATCHED-2	org.apache.axis	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarjcf-r-bindings-soap.jar	3.2.5	Apache CXF Runtime SOAP Binding (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarjcf-r-bindings-xml.jar	3.2.5	Apache CXF Runtime XML Binding (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarjcf-r-databinding-jaxb.jar	3.2.5	Apache CXF Runtime JAXB DataBinding (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarjcf-r-wsdl.jar	3.2.5	Apache CXF Runtime Core for WSDL (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarjcf-tools-validator.jar	3.2.5	Apache CXF Command Line Tools Validator (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.jaxrs.whiteboard.jarwsdl4j.jar	1.6.3	WSD4J (http://sf.net/projects/wsdl4j)	CPL (http://www.opensource.org/licenses/cpl1.0.txt)
com.liferay.portal.remote.soap.extender.impl.jarjcf-r-frontend-jaxws.jar	3.2.5	Apache CXF Runtime JAX-WS Frontend (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.soap.extender.impl.jarjcf-r-frontend-simple.jar	3.2.5	Apache CXF Runtime Simple Frontend (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.remote.soap.extender.impl.jarjcf-r-ws-policy.jar	3.2.5	Apache CXF Runtime WS Policy (http://cxf.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.scheduler.quartz.jarquartz.jar	2.1.7	Quartz Enterprise Job Scheduler	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.scripting.beanshell.jarbsh.jar	2.0b5	BeanShell (http://code.google.com/a/apache-extras.org/p/beanshell/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.scripting.groovy.jarjgroovy.jar	2.4.5	Groovy Runtime (http://groovy-lang.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.scripting.javascript.jarrhino.jar	1.7R4	Mozilla Rhino 1.7R4 (http://developer.mozilla.org/en/Rhino)	Mozilla Public License, Version 2.0 (http://www.mozilla.org/MPL/2.0/index.txt)
com.liferay.portal.scripting.python.jarjython-standalone.jar	2.5.3	JLine (http://jline.sourceforge.net/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.scripting.ruby.jarjruby-complete.jar	1.7.20.1	JRuby 1.7.20.1 (http://github.com/jruby/jruby)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarHdrHistogram.jar	2.1.9	HdrHistogram (http://hdrHistogram.github.io/HdrHistogram/)	Public Domain, per Creative Commons CC0 (http://creativecommons.org/publicdomain/zero/1.0/)
com.liferay.portal.search.elasticsearch6.impl.jarantlr-runtime.jar	3.5	ANTLR 3 Runtime (http://www.antlr.org)	BSD licence (http://antlr.org/license.html)
com.liferay.portal.search.elasticsearch6.impl.jarbouncycastle-jdk15on.jar	1.49	Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs (http://www.bouncycastle.org/java.html)	Bouncy Castle Licence (http://www.bouncycastle.org/license.html)
com.liferay.portal.search.elasticsearch6.impl.jarbouncycastle-jdk15on.jar	1.49	Bouncy Castle Provider (http://www.bouncycastle.org/java.html)	Bouncy Castle Licence (http://www.bouncycastle.org/license.html)
com.liferay.portal.search.elasticsearch6.impl.jarcommons-io.jar	2.6	Apache Commons IO (http://commons.apache.org/proper/commons-io/)	Apache License, Version 2.0 (https://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarcommons-lang.jar	2.6	Commons Lang (http://commons.apache.org/lang/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarelasticsearch-cl.jar	6.1.3	org.elasticsearch/cli:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarelasticsearch.jar	6.1.3	org.elasticsearch/core:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarhppc.jar	0.7.1	HPPC Collections	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarhttpasyncclient.jar	4.1.3	HttpComponents Apache HttpAsyncClient (http://hc.apache.org/httpcomponents-asyncclient)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarhttpclient.jar	4.4	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjackson-core.jar	2.8.10	Jackson-core (https://github.com/FasterXML/jackson-core)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjackson-dataformat-cbor.jar	2.8.10	Jackson dataformat: CBOR (http://github.com/FasterXML/jackson-dataformats-binary)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjackson-dataformat-smile.jar	2.8.10	Jackson dataformat: Smile (http://github.com/FasterXML/jackson-dataformats-binary)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjackson-dataformat-yaml.jar	2.8.10	Jackson-dataformat-YAML (https://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjoda-time.jar	2.9.5	Joda-Time (http://www.joda.org/joda-time/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarjopt-simple.jar	5.0.2	JOpt Simple (http://photoser.github.io/jopt-simple)	The MIT License (http://www.opensource.org/licenses/mit-license.php)
com.liferay.portal.search.elasticsearch6.impl.jarjrs166e.jar	1.1.0	JSR166e (http://github.com/twitter/jrs166e)	CC0 1.0 Universal (http://creativecommons.org/publicdomain/zero/1.0/)
com.liferay.portal.search.elasticsearch6.impl.jarjts.jar	1.13	JTS Topology Suite (http://sourceforge.net/projects/jts-topo-suite)	Lesser General Public License (LGPL) (http://www.gnu.org/copyleft/lesser.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlang-mustache-client.jar	6.1.3	org.elasticsearch.plugin#lang-mustache:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlog4j-api.jar	2.7	Apache Log4j API (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlog4j-core.jar	2.7	Apache Log4j Core (http://www.apache.org/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-analyzers-common.jar	7.1.0	Lucene Common Analyzers	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-core.jar	7.1.0	Lucene Core	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-grouping.jar	7.1.0	Lucene Grouping	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-highlighter.jar	7.1.0	Lucene Highlighter	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-join.jar	7.1.0	Lucene Join	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-memory.jar	7.1.0	Lucene Memory	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-misc.jar	7.1.0	Lucene Miscellaneous	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-queries.jar	7.1.0	Lucene Queries	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-queryparser.jar	7.1.0	Lucene QueryParsers	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-sandbox.jar	7.1.0	Lucene Sandbox	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-spatial.jar	7.1.0	Lucene Spatial	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarlucene-suggest.jar	7.1.0	Lucene Suggest	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jarnetty-all.jar	4.1.11.Final	Netty/All-in-One	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.search.elasticsearch6.impl.jarorg.elasticsearch.client.xpack.transport.jar	6.1.3	org.elasticsearch.client#transport-client:6.1.3	
com.liferay.portal.search.elasticsearch6.impl.jarorg.elasticsearch.plugin.cli.jar	6.1.3	org.elasticsearch#plugin-cli:6.1.3	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.search.elasticsearch6.impl.jarorg.elasticsearch.plugin.xpack.api.jar	6.1.3	org.elasticsearch#plugin:6.1.3	

com.liferay.portal.search.elasticsearch6.impl.jar#parent-join-client.jar	6.1.3	org.elasticsearch.plugin#parent-join:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#percolator-client.jar	6.1.3	org.elasticsearch.plugin#percolator:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#index-client.jar	6.1.3	org.elasticsearch.plugin#index:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#snakeyaml.jar	1.17	SnakeYAML (http://www.snakeyaml.org/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#sniff.jar	5.5.3	org.elasticsearch.client#sniff:5.5.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#spatial4j.jar	0.6	Spatial4J (http://www.locationtech.org/projects/locationtech.spatial4j/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#super-csv.jar	2.1.0	Super CSV Core (http://supercsv.sourceforge.net/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.html)
com.liferay.portal.search.elasticsearch6.impl.jar#t-digest.jar	3.0	T-Digest (https://github.com/tuining/t-digest)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#transport-netty4-client.jar	6.1.3	org.elasticsearch.plugin#transport-netty4:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#transport.jar	6.1.3	org.elasticsearch.client#transport:6.1.3 (https://github.com/elastic/elasticsearch)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.search.elasticsearch6.impl.jar#unboundid-ldap-sdk.jar	4.0.2	UnboundID LDAP SDK for Java (https://www.idap.com/unboundid-ldap-sdk-for-java)	GNU Lesser General Public License version 2.1 (LGPLv2.1) (http://www.gnu.org/licenses/lgpl-2.1.html)
com.liferay.portal.security.antisamy.jar#antisamy.jar	1.5.7	OWASP AntiSamy (https://github.com/nahra/antisamy)	BSD 3 (https://opensource.org/licenses/BSD-3-Clause)
com.liferay.portal.security.antisamy.jar#batik-css.jar	1.7	Batik CSS engine (http://xmlgraphics.apache.org/batik/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#batik-ext.jar	1.7	Batik external code (http://xmlgraphics.apache.org/batik/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#batik-util.jar	1.7	Batik utility library (http://xmlgraphics.apache.org/batik/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#httpClient.jar	4.5.5	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#httpClient.jar	4.4.9	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-core-ga/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#nekohtml.jar	1.9.16	Neko HTML (http://nekohtml.sourceforge.net/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.antisamy.jar#xml-apis-ext.jar	1.3.04	XML Commons External Components XML APIs Extensions (http://xml.apache.org/commons/components/external/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.ldap.impl.jar#antlr.jar	2.7.7	ANTLR Parser Generator (http://www.antlr.org/)	BSD License (http://www.antlr.org/license.html)
com.liferay.portal.security.ldap.impl.jar#stringtemplate.jar	3.0	Stringtemplate (http://www.stringtemplate.org/)	BSD License (http://www.stringtemplate.org/license.html)
com.liferay.portal.security.sso.cas.impl.jar#cas-client-core.jar	3.1.12	JA-SIG CAS Client for Java - Core	JA-SIG License for Use (http://www.ja-sig.org/products/cas/overview/license/)
com.liferay.portal.security.sso.cas.impl.jar#opensaml.jar	1.1	OpenSAML-J (https://opensaml.org/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#google-api-client.jar	1.21.0	Google APIs Client Library for Java	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#google-api-services-oauth2.jar	v2-rev103-1.21.0	Google OAuth2 API v2-rev103-1.21.0	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#google-http-client-jackson2.jar	1.21.0	Jackson 2 extensions to the Google HTTP Client Library for Java.	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#google-http-client.jar	1.21.0	Google HTTP Client Library for Java	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#google-oauth-client.jar	1.21.0	Google OAuth Client Library for Java	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.google.impl.jar#jackson-core.jar	2.5.3	Jackson-core (https://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.ntlm.impl.jar#jcifs.jar	1.3.17	JCIFS (http://jcifs.samba.org)	GNU Lesser General Public License, version 2.1 (http://www.gnu.org/licenses/lgpl-2.1.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#activation.jar	1.1	JavaBeans Activation Framework (JAF) (http://java.sun.com/products/javabeans/jaf/index.jsp)	Common Development and Distribution License (CDDL) v1.0 (https://glassfish.dev.java.net/public/CDDLv1.0.html)
com.liferay.portal.security.sso.openid.connect.impl.jar#commons-collections4.jar	4.1	Apache Commons Collections (http://commons.apache.org/proper/commons-collections/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#commons-io.jar	2.5	Apache Commons IO (http://commons.apache.org/proper/commons-io/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#commons-lang3.jar	3.4	Apache Commons Lang (http://commons.apache.org/proper/commons-lang/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#jcip-annotations.jar	1.0-1	JCIP Annotations under Apache License (http://stephenc.github.com/jcip-annotations)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#json-smart.jar	1.3.1	JSON Smart and Fast Parser (http://www.minddev.net/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#lang-tag.jar	1.4.3	Nimbus LangTag (https://bitbucket.org/connect2id/nimbus-language-tags)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#nimbus-jose-jwt.jar	4.26.1	Nimbus JOSE+JWT (https://bitbucket.org/connect2id/nimbus-jose-jwt)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#oauth2-oidc-sdk.jar	5.17.1	OAuth 2.0 SDK with OpenID Connect extensions (https://bitbucket.org/connect2id/oauth2-2.0-sdk-with-openid-connect-extensions)	Apache License, version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.html%E2%80%8E)
com.liferay.portal.security.sso.openid.connect.impl.jar#guice.jar	2.0	guice (http://code.google.com/p/google-guice/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#httpClient.jar	4.1	HttpComponents HttpClient (http://hc.apache.org/httpcomponents-client/)	Apache License ()
com.liferay.portal.security.sso.openid.connect.impl.jar#httpClient.jar	4.1	HttpComponents HttpClient (http://hc.apache.org/httpcomponents-core-ga/)	Apache License ()
com.liferay.portal.security.sso.openid.connect.impl.jar#nekohtml.jar	1.9.10	Neko HTML (http://nekohtml.sourceforge.net/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#openid4java.jar	0.9.8	OpenID4Java (http://code.google.com/p/openid4java/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#org.apache.xml.resolver.jar	1.2.0	org.apache.xml.resolver, 1.2.0.v201005080400.jar (http://www.eclipse.org/projects/project.php?d=bitr)	Eclipse Public License - v 1.0 (http://www.eclipse.org/org/documents/epl-v10.html)
com.liferay.portal.security.sso.openid.connect.impl.jar#xerces2-impl.jar	2.8.1	Xerces2 Java Parser (http://xerces.apache.org/xerces2-j/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.security.sso.openid.connect.impl.jar#xml-apis.jar	1.3.03	xml-apis-xml-apis (http://xml.apache.org/commons/#external)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#chemistry-opencmis-client-api.jar	0.13.0	OpenCMIS Client API (http://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-api/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#chemistry-opencmis-client-bindings.jar	0.13.0	OpenCMIS Client Bindings Implementation (http://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-bindings/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#chemistry-opencmis-client-impl.jar	0.13.0	OpenCMIS Client Implementation (http://chemistry.apache.org/java/chemistry-opencmis-client/chemistry-opencmis-client-impl/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#chemistry-opencmis-commons-api.jar	0.13.0	OpenCMIS Commons API (http://chemistry.apache.org/java/chemistry-opencmis-commons/chemistry-opencmis-commons-api/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#chemistry-opencmis-commons-impl.jar	0.13.0	OpenCMIS Commons Implementation (http://chemistry.apache.org/java/chemistry-opencmis-commons/chemistry-opencmis-commons-impl/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.cmis.jar#stax2-api.jar	3.1.4	Stax2 API (http://wiki.fasterxml.com/WoodstoxStax2)	The BSD License (http://www.opensource.org/licenses/bsd-license.php)
com.liferay.portal.store.cmis.jar#woodstox-core-ast.jar	4.4.0	Woodstox XML-processor (http://woodstox.codehaus.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#concurrent.jar	1.3.4	Dough Lee's util.concurrent package	Public domain, Sun Microsystems ()
com.liferay.portal.store.jcr.jar#jackrabbit-api.jar	2.2.0	Apache Jackrabbit API (http://jackrabbit.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#jackrabbit-core.jar	2.2.0	Jackrabbit Core	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#jackrabbit-jcr-commons.jar	2.2.0	Jackrabbit JCR Commons (http://jackrabbit.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#jackrabbit-spi-commons.jar	2.2.0	Jackrabbit SPI Commons (http://jackrabbit.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#jackrabbit-spi.jar	2.2.0	Jackrabbit SPI (http://jackrabbit.apache.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.jcr.jar#jcr.jar	2.0	Content Repository for JavaTM Technology API (http://www.jcp.org/en/jsr/detail?id=283)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#aws-java-sdk-core.jar	1.11.277	AWS SDK for Java - Core (https://aws.amazon.com/sdkforjava)	Apache License, Version 2.0 (https://aws.amazon.com/apache2.0)
com.liferay.portal.store.s3.jar#aws-java-sdk-kms.jar	1.11.277	AWS Java SDK for AWS KMS (https://aws.amazon.com/sdkforjava)	Apache License, Version 2.0 (https://aws.amazon.com/apache2.0)
com.liferay.portal.store.s3.jar#aws-java-sdk-s3.jar	1.11.277	AWS Java SDK for Amazon S3 (https://aws.amazon.com/sdkforjava)	Apache License, Version 2.0 (https://aws.amazon.com/apache2.0)
com.liferay.portal.store.s3.jar#commons-codec.jar	1.6	Commons Codec (http://commons.apache.org/codec/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#commons-logging.jar	1.2	Apache Commons Logging (http://commons.apache.org/proper/commons-logging/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#httpClient.jar	4.5.2	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#httpClient.jar	4.4.9	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-core-ga/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#ion-java.jar	1.1.0	software.amazon.ion:ion-java (https://github.com/amzn/ion-java/)	The Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar#jackson-annotations.jar	2.5.0	Jackson-annotations (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)

com.liferay.portal.store.s3.jar jackson-core.jar	2.5.3	Jackson-core (https://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar jackson-databind.jar	2.5.3	Jackson-databind (http://github.com/FasterXML/jackson)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar jackson-dataformat-cbor.jar	2.8.1	Jackson dataformat: CBOR (http://github.com/FasterXML/jackson-dataformats-binary)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.store.s3.jar joda-time.jar	2.8.1	Joda-Time (http://www.joda.org/joda-time/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.freemarker.jar javax.servlet.jsp.jstl.jar	1.2.3	JavaServer Pages (TM) TagLib Implementation (http://jstl.java.net)	CDDL + GPLv2 with classpath exception (http://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)
com.liferay.portal.template.freemarker.jar org.freemarker.jar	2.3.23.LIFERAY-PATCHED-4	org.freemarker.freemarker	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)
com.liferay.portal.template.soy.impl.jar args4j.jar	2.0.23	args4j (http://www.kohsuke.org/)	MIT License (http://www.opensource.org/licenses/mit-license.php)
com.liferay.portal.template.soy.impl.jar commons-lang3.jar	3.4	Apache Commons Lang (http://commons.apache.org/proper/commons-lang/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar gson.jar	2.7	Gson	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar guava.jar	21.0	Guava: Google Core Libraries for Java (https://github.com/google/guava/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar guice-multibindings.jar	4.1.0	Google Guice - Extensions - MultiBindings (https://github.com/google/guice)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar guice.jar	4.1.0	guice (https://github.com/google/guice)	ASF 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar icu4j.jar	57.1	ICU4J (http://icu-project.org/)	ICU License (http://source.icu-project.org/repos/icu/icu/trunk/LICENSE)
com.liferay.portal.template.soy.impl.jar javax.inject.jar	1	javax.inject (http://code.google.com/p/atinject/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar jar305.jar	2.0.3	FindBugs-jar305 (https://code.google.com/p/jar-305/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar protobuf-java.jar	3.3.0	Protocol Buffers [Core] (https://developers.google.com/protocol-buffers/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar jarsoy.jar	2018-01-03	Closure Templates (https://github.com/google/closure-templates)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar jartruth.jar	0.36	Truth Core	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.soy.impl.jar jaratypes.jar	1.0.4	Safe HTML Types Library	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.template.velocity.jar org.apache.velocity.jar	1.6.4.LIFERAY-PATCHED-1	org.apache.velocity	LGPL 2.1 (http://www.gnu.org/licenses/old-licenses/lgpl-2.1.txt)
com.liferay.portal.template.velocity.jar velocity-tools.jar	1.4	org.apache.velocity	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.portal.tools.db.upgrade.client.jar commons-cli.jar	1.3.1	Apache Commons CLI (http://commons.apache.org/proper/commons-cli/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.portal.tools.db.upgrade.client.jar jline.jar	2.12	JLine	The BSD License (http://www.opensource.org/licenses/bsd-license.php)
com.liferay.portal.upgrade.impl.jar jar graph-core.jar	0.9.1	JGraphT - Core	Eclipse Public License (EPL) 1.0 (http://www.eclipse.org/legal/epl-v10.html)
com.liferay.portal.workflow.kaleo.service.jar jabsorb.jar	1.3.1	org.jabsorb:jabsorb	
com.liferay.push.notifications.sender.android.jar gcm-server.jar	1.0.2	Google GCM Library	
com.liferay.push.notifications.sender.android.jar json-simple.jar	1.1	JSON simple (http://code.google.com/p/json-simple/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.apple.jar apns.jar	1.0.0.Beta6	Java Apple Push Notification Service Library (http://notnoop.github.com/java-apns)	New BSD License (http://www.opensource.org/licenses/bsd-license.php)
com.liferay.push.notifications.sender.apple.jar jackson-annotations.jar	2.1.4	Jackson-annotations (http://wiki.fasterxml.com/JacksonHome)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.apple.jar jackson-core.jar	2.1.4	Jackson-core (http://wiki.fasterxml.com/JacksonHome)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.apple.jar jackson-databind.jar	2.1.4	Jackson-databind (http://wiki.fasterxml.com/JacksonHome)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.firebaseio-client.jar	0.3.0	Firebase Cloud Messaging Client (https://github.com/liferay-mobile/fcm-client)	LGPL 2.1 (http://opensource.org/licenses/lgpl-2.1.php)
com.liferay.push.notifications.sender.firebaseio.jar	2.8.0	Gson	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.firebaseiohttp.jar	3.5.0	OkHttp	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.firebaseiokio.jar	1.11.0	Okio	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.microsoft.jar httpClient.jar	4.3.6	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.microsoft.jar httpClientcore.jar	4.3.3	HttpComponents Apache HttpClientCore (http://hc.apache.org/httpcomponents-core-ga)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.microsoft.jar java-mqns.jar	0.1.0	Java Microsoft Push Notification Service Library (http://aerogear.org/push)	Public Domain (http://repository.jboss.org/licenses/cc0-1.0.txt)
com.liferay.push.notifications.sender.sms.jar commons-lang3.jar	3.4	Apache Commons Lang (http://commons.apache.org/proper/commons-lang/)	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar httpClient.jar	4.2.6	HttpComponents Apache HttpClient (http://hc.apache.org/httpcomponents-client)	Apache License (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar httpClientcore.jar	4.2.5	HttpComponents Apache HttpClientCore (http://hc.apache.org/httpcomponents-core-ga)	Apache License (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar jackson-core-ast.jar	1.9.3	Jackson JSON processor (http://jackson.codehaus.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar jackson-mapper-asl.jar	1.9.3	Data mapper for Jackson JSON processor (http://jackson.codehaus.org)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar joda-convert.jar	1.2	Joda convert (http://joda-convert.sourceforge.net)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar joda-time.jar	2.8.2	Joda-Time (http://www.joda.org/joda-time/)	Apache 2 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar json-simple.jar	1.1	JSON simple (http://code.google.com/p/json-simple/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.push.notifications.sender.sms.jar twilio-java-sdk.jar	4.0.2	twilio-java-sdk (http://www.twilio.com)	MIT License (http://www.opensource.org/licenses/mit-license.php)
com.liferay.reading.time.service.jar jsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.registry.api.jar biz.aQute.bndlib.jar	3.1.0	bndlib (http://bnd.bndtools.org/)	Apache License, Version 2.0 (http://www.opensource.org/licenses/apache2.0.php)
com.liferay.rss.impl.jar icu4j.jar	54.1.1	ICU4J (http://icu-project.org/)	ICU License (http://source.icu-project.org/repos/icu/icu/trunk/license.html)
com.liferay.server.admin.web.jar jcommon.jar	1.0.16	jcommon (http://www.jfree.org/jcommon/)	GNU Lesser General Public License (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.server.admin.web.jar jfreechart.jar	1.0.13	jfreechart (http://www.jfree.org/jfreechart/)	GNU Lesser General Public License (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.structure.apio.impl.jar gson.jar	2.8.1	Gson	Apache 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.sync.security.jar commons-codec.jar	1.4	Commons Codec (http://commons.apache.org/codec/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.sync.security.jar google-collections.jar	1.0	Google Collections Library (http://code.google.com/p/google-collections/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.sync.security.jar gson.jar	1.4	Gson (http://code.google.com/p/google-gson/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.sync.security.jar httpClientcore.jar	4.0.1	HttpClientCore (http://hc.apache.org/httpcomponents-core/)	Apache License (http://www.apache.org/licenses/LICENSE-2.0.html)
com.liferay.sync.security.jar joda-time.jar	1.6	Joda time (http://joda-time.sourceforge.net)	Apache 2 (http://www.apache.org/licenses/)
com.liferay.sync.security.jar jsontoken.jar	1.1	jsontoken (http://code.google.com/p/jsontoken/)	The Apache Software License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt)
com.liferay.sync.service.jar bcpg-jdk15on.jar	1.54	Bouncy Castle OpenPGP API (http://www.bouncycastle.org/java.html)	Bouncy Castle Licence (http://www.bouncycastle.org/licence.html)
com.liferay.sync.service.jar bcpkix-jdk15on.jar	1.54	Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs (http://www.bouncycastle.org/java.html)	Bouncy Castle Licence (http://www.bouncycastle.org/licence.html)
com.liferay.sync.service.jar bcprov-jdk15on.jar	1.54	Bouncy Castle Provider (http://www.bouncycastle.org/java.html)	Bouncy Castle Licence (http://www.bouncycastle.org/licence.html)
com.liferay.upload.web.jar jsoup.jar	1.10.2	jsoup Java HTML Parser (https://jsoup.org/)	The MIT License (https://jsoup.org/license)
com.liferay.web.form.web.jar rhino.jar	1.7R4	Mozilla Rhino 1.7R4 (https://developer.mozilla.org/en/Rhino)	Mozilla Public License, Version 2.0 (http://www.mozilla.org/MPL/2.0/index.txt)
com.liferay.web.proxy.web.jar concurrent.jar	1.3.4	Dough Lea's util.concurrent package	Public domain, Sun Microsystems ()
com.liferay.web.proxy.web.jar org.portletbridge.core.jar	1.1.2	org.portletbridge	Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
com.liferay.web.proxy.web.jar org.portletbridge.portlet.jar	1.1.2	com.liferay.org.portletbridge.portlet	
com.liferay.wiki.engine.create.jar antlr.jar	2.7.7	ANTLR Parser Generator (http://www.antlr.org/)	BSD License (http://www.antlr.org/license.html)
com.liferay.wiki.engine.create.jar stringtemplate.jar	3.0	Stringtemplate (http://www.stringtemplate.org/)	BSD License (http://www.stringtemplate.org/license.html)
com.liferay.wiki.engine.html.jar jericho.html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)

com.liferay.wiki.service.jarantlr.jar	2.7.7	AntLR Parser Generator (http://www.antlr.org/)	BSD License (http://www.antlr.org/license.html)
com.liferay.wiki.service.jarbiz.aQuote.bndlib.jar	3.1.0	bndlib (http://bnd.bndtools.org/)	Apache License, Version 2.0 (http://www.opensource.org/licenses/apache2.0.php)
com.liferay.wiki.service.jarfecss.jar	1.4.2	ecss	
com.liferay.wiki.service.jarjericho.html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)
com.liferay.wiki.service.jarjorg.apache.commons.jrcs.diff.jar	0.3.0	com.liferay.org.apache.commons.jrcs.diff	
com.liferay.wiki.service.jarloro.jar	2.0.8	oro.oro	Apache Software License, Version 1.1 (http://www.apache.org/licenses/LICENSE-1.1)
com.liferay.wiki.service.jarstringtemplate.jar	3.0	Stringtemplate (http://www.stringtemplate.org/)	BSD License (http://www.stringtemplate.org/license.html)
lib/development/activation.jar	1.1	JavaBeans Activation Framework (http://java.sun.com/products/javabeans/jaf)	CDLL 1.0 (http://glassfish.java.net/public/CDLLv1.0.html)
lib/development/alloy-taglib.jar	1.1.10	Alloy TagLibs (https://github.com/liferay/alloy-taglibs)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/annotations.jar	1.0	Common Annotations (http://jsr250.dev.java.net)	CDLL 1.0 (http://glassfish.java.net/public/CDLLv1.0.html)
lib/development/ant-apache-bsf.jar	1.8.2	Ant (http://ant.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/ant-contrib.jar	1.0.B3	Ant-Contrib Tasks (http://ant-contrib.sourceforge.net)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1) Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved.
lib/development/antelope.jar	3.4.0	Antelope (http://antelope.ligris.org)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1)
lib/development/appium.jar	1.6.2	Appium (http://appium.io)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/biz.aQuote.bnd.jar	3.5.0	Bnd (http://bnd.bndtools.org/)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/bsah.jar	2.0.B4	BeanShell (http://www.beanshell.org)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/catalina.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/com.liferay.ant.bnd.jar	2.0.53	Liferay Ant BND	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/com.liferay.jenkins.results.parser.jar	1.0.238	Liferay Jenkins Results Parser	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/deployment.jar	1.1	J2EE Application Deployment Library (http://java.sun.com/2ee/tools/deployment)	CDLL 1.0 (http://glassfish.java.net/public/CDLLv1.0.html)
lib/development/dtdoc.jar	1.1.0	DTDDoc (http://dtdoc.sourceforge.net)	MIT License (http://opensource.org/licenses/MIT)
lib/development/dtdparser.jar	1.20	DTDParser (http://sourceforge.net/projects/dtdparser)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/dumbster.jar	02856255a6cc7f	Dumbster (https://github.com/tjo1970/dumbster)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/error-prone-ant.jar	1.0.8	Error-Prone (https://code.google.com/p/error-prone)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/freemarker.jar	2.3.23	FreeMarker (http://www.freemarker.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/gson.jar	2.2.4	Gson (http://code.google.com/p/google-gson)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/hamcrest-core.jar	1.3	Hamcrest (http://code.google.com/p/hamcrest)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/hamcrest-library.jar	1.3	Hamcrest (http://code.google.com/p/hamcrest)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/hsq.jar	2.3.3	HSQL Database Engine (http://hsqldb.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/j2h.jar	1.5	Java2HTML (http://www.java2html.com)	GPL 2.0 (http://www.gnu.org/licenses/gpl-2.0.html)
lib/development/jacocoagent.jar	0.7.9	JaCoCo (http://www.jacoco.org/)	Eclipse Public License Version 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jacocoant.jar	0.7.9	JaCoCo (http://www.jacoco.org/)	Eclipse Public License Version 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jacococo.jar	0.7.9	JaCoCo (http://www.jacoco.org/)	Eclipse Public License Version 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jacocoreport.jar	0.7.9	JaCoCo (http://www.jacoco.org/)	Eclipse Public License Version 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jalopy.jar	1.5.RC3	Jalopy (http://jalopy.sourceforge.net)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
			This includes modifications to remove extraneous logging. Removed antlr.* because it with the Groovy compiler. See LPS-51450.
lib/development/jargs.jar	1.0	JArgs (http://jargs.sourceforge.net)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/jarjar.jar	1.2	Jar Jar Links (http://code.google.com/p/jarjar)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/jasper.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/jaxb-api.jar	2.1.9	Java Architecture for XML Binding (http://jaxb.dev.java.net)	CDLL 1.0 (http://glassfish.java.net/public/CDLLv1.0.html)
lib/development/jbi_rt.jar	2.0.UR1	Glassfish (http://glassfish.dev.java.net)	CDLL 1.0 (http://glassfish.java.net/public/CDLLv1.0.html)
lib/development/jetty-server.jar	8.1.10	Jetty (http://www.eclipse.org/jetty)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Eclipse Public License 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jetty-util.jar	8.1.10	Jetty (http://www.eclipse.org/jetty)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Eclipse Public License 1.0 (http://www.eclipse.org/legal/epl-v10.html)
lib/development/jms.jar	1.1	Java Message Services (http://java.sun.com/products/jms)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/jndi.jar	1.2.1	Java Naming and Directory Interface (http://java.sun.com/products/jndi)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/jsch.jar	0.1.51	JSch (http://www.jcraft.com/jsch)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/jseerrorcollector.jar	c7d2d9161321e9	JSErrCollector (https://github.com/mguellem/JSErrCollector)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/jsonassert.jar	1.2.3	JSONAssert (http://jsonassert.skyscreamer.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/jsp-api.jar	2.1	JavaServer Pages (http://java.sun.com/products/jsp)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/jta.jar	1.1	Java Transaction (http://java.sun.com/products/jta)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/junit.jar	4.12	JUnit (http://www.junit.org/index.htm)	Common Public License 1.0 (http://opensource.org/licenses/cpl1.0.php)
lib/development/junit7.jar		junit7 (http://junit7.sourceforge.net)	MIT License (http://opensource.org/licenses/MIT)
lib/development/mail.jar	1.4	JavaMail (http://java.sun.com/products/javamail)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/mariadb.jar	1.1.9	MariaDB Connector/J (https://downloads.mariadb.org/connector-java)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)
lib/development/maven-ant-tasks.jar	2.1.3	Maven Ant Tasks (http://maven.apache.org/ant-tasks)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/mockito.jar	1.9.5	Mockito (http://code.google.com/p/mockito)	MIT License (http://opensource.org/licenses/MIT)
lib/development/mysql.jar	5.1.23	MySQL Connector/J (http://www.mysql.com/products/connectorj)	GPL 2.0 (http://www.gnu.org/licenses/gpl-2.0.html)
lib/development/objenesis.jar	2.1	Objenesis (http://code.google.com/p/objenesis)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/p6spy.jar	1.3	P6Spy (http://sourceforge.net/projects/p6spy)	P6Spy Software License 1.1 (https://wiki.kuali.org/display/KULFOUND/P6Spy+License)
lib/development/persistence.jar	2.0	Java Persistence (http://java.sun.com/javase/overview/faq/persistence.jsp)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)
lib/development/postgresql.jar	9.4-1201 JDBC 4.1	PostgreSQL JDBC Driver (http://jdbc.postgresql.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)
lib/development/powermock-api-mockito.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/powermock-api-support.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/powermock-core.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/powermock-module-junit4-common.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)
lib/development/powermock-module-junit4.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)

lib/development/powermock-reflect.jar	1.6.1	Powermock (http://code.google.com/p/powermock)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/qdox.jar	1.12.1	QDox (http://qdox.codehaus.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/resin.jar	4.0.44	Resin (http://www.caucho.com/resin-4.0)	Copyright (c) 2002-2009 Joe Walnes and QDox Project Team GPL 2.0 (http://www.gnu.org/licenses/gpl-2.0.html)	- See LEP-5048 and LPS-15805. -
lib/development/saxpath.jar	1.0 FCS	SAXPath (http://sourceforge.net/projects/saxpath)	Werkin Digital License ()	
lib/development/sdk-addon-api-0.2.jar	0.2	Glassfish (http://glassfish.dev.java.net)	CDDL 1.0 (http://glassfish.java.net/public/CDDLv1.0.html)	
lib/development/servlet-api.jar	3.0.1	Java Servlet (http://java.sun.com/products/servlet)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)	
lib/development/slf4j-simple.jar	1.7.10	SLF4J Simple Binding (http://www.slf4j.org)	MIT License (http://opensource.org/licenses/MIT) Copyright (c) 2004-2007 QOS.ch	
lib/development/smtp.jar	1.4	JavaMail (http://java.sun.com/products/javamail)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)	
lib/development/spring-instrument-tomcat.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/development/spring-instrument.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/development/spring-test.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/development/tiddoc.jar	1.3	Tag Library Documentation Generator (https://taglibrarydoc.dev.java.net)	BSD Style License (http://en.wikipedia.org/wiki/bsd_licenses)	
lib/development/tomcat-api.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/tomcat-coyote.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/tomcat-uli.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/velocity-tools.jar	1.4	Velocity (http://velocity.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2000-2007 The Apache Software Foundation	
lib/development/velocity.jar	1.6.4	Velocity (http://velocity.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2000-2007 The Apache Software Foundation	
lib/development/websocket-api.jar	1.12	WebSocket (http://www.oracle.com/technetwork/articles/java/jsr356-1937161.html)	CDDL 1.1 (https://glassfish.java.net/public/CDDL+GPL_1_1.html)	
lib/development/xmlresolver.jar	0.12.5	XML Resolver (https://github.com/ndw/xmlresolver)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/development/xmltask.jar	1.16	XMLTask (http://www.oopsconsultancy.com/software/xmltask)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This was recompiled for compatibility with JDK 5.
lib/global/portlet.jar	2.1	JSR 286 Portlet 2.0 Specification (http://jcp.org/en/jsr/detail?id=286)	IBM Java Portlet Specification 2.0 License (http://www.jcp.org/en/jsr/detail?id=286)	
lib/portals/abdera.jar	1.1.2	Abdera (http://abdera.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/activation.jar	1.2.0	JavaBeans Activation Framework API (https://www.oracle.com/technetwork/articles/java/index-135046.html)	CDDL 1.1 (https://oss.oracle.com/licenses/CDDL-1.1)	
lib/portals/ant.jar	1.8.2	Ant (http://ant.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/antlr2.jar	2.7.7	ANTLR (http://www.antlr.org)	BSD Style License (http://en.wikipedia.org/wiki/bsd_licenses)	
lib/portals/antlr3-runtime.jar	3.0.1	ANTLR (http://www.antlr.org)	BSD Style License (http://en.wikipedia.org/wiki/bsd_licenses)	
lib/portals/antlr3.jar	3.0.1	ANTLR (http://www.antlr.org)	BSD Style License (http://en.wikipedia.org/wiki/bsd_licenses)	
lib/portals/aopalliance.jar	1.0	AOP Alliance (http://aopalliance.sourceforge.net)	Public Domain (http://en.wikipedia.org/wiki/Public_domain)	
lib/portals/asm-debug-all.jar	5.0.4	ASM (http://asm.objectweb.org)	ASM License (http://asm.ow2.org/license.html)	
lib/portals/aspectj-tj.jar	1.8.9	AspectJ (http://www.eclipse.org/aspectj)	Eclipse Public License 1.0 (http://www.eclipse.org/legal/epl-v10.html)	
lib/portals/aspectj-weaver.jar	1.8.9	AspectJ (http://www.eclipse.org/aspectj)	Eclipse Public License 1.0 (http://www.eclipse.org/legal/epl-v10.html)	Older versions required removing testData.* because it conflicted with JBoss 5.1.
lib/portals/axis-ant.jar	1.4	Axis (http://ws.apache.org/axis)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/axis.jar	1.4	Axis (http://ws.apache.org/axis)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	See modules/third-party/org-apache-axis/patches.
lib/portals/bcmail.jar	1.45	Bouncy Castle (http://www.bouncycastle.org)	MIT License (http://opensource.org/licenses/MIT)	
lib/portals/bcprov.jar	1.45	Bouncy Castle (http://www.bouncycastle.org)	MIT License (http://opensource.org/licenses/MIT)	
lib/portals/bnd.jar	3.1.0	Bnd (http://bnd.bndtools.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/boilerpipe.jar	1.1.0	Boilerpipe (http://code.google.com/p/boilerpipe)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	Removed org.cyberneko.* because it conflicts with nekohtml.jar.
lib/portals/bsf.jar	2.4.0	Bean Scripting Framework (http://jakarta.apache.org/bsf)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2002-2006 The Apache Software Foundation.	
lib/portals/c3p0.jar	0.9.5	C3P0 (http://sourceforge.net/projects/c3p0)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portals/ccpp-r.jar	1.0	CC/PP Processing (http://java.sun.com/2ee/ccpp)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)	
lib/portals/ccpp.jar	1.0	CC/PP Processing (http://java.sun.com/2ee/ccpp)	Sun Binary Code License Agreement (http://www.oracle.com/technetwork/java/javase/downloads/java-se-archive-license-1382604.html)	
lib/portals/cglib-nopex.jar	2.2	Code Generation Library (http://cglib.sourceforge.net)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/charDET.jar	1.1	Mozilla CharSet Detectors (http://charDET.sourceforge.net)	MPL 1.1 (http://www.mozilla.org/MPL/1.1)	This was recompiled for compatibility with JDK 5.
lib/portals/chemistry-opencmis-client-api.jar	0.13.0	OpenCMIS (http://chemistry.apache.org/java/opencmis.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/chemistry-opencmis-client-bindings.jar	0.13.0	OpenCMIS (http://chemistry.apache.org/java/opencmis.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/chemistry-opencmis-client-impl.jar	0.13.0	OpenCMIS (http://chemistry.apache.org/java/opencmis.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This includes a public patch from CMIS-527.
lib/portals/chemistry-opencmis-commons-api.jar	0.13.0	OpenCMIS (http://chemistry.apache.org/java/opencmis.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/chemistry-opencmis-commons-impl.jar	0.13.0	OpenCMIS (http://chemistry.apache.org/java/opencmis.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/closure-compiler.jar	v20131014	Closure Compiler (https://code.google.com/p/closure-compiler)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	Removed META-INF/beans.xml to prevent CDI autowiring.
lib/portals/commons-beanutils.jar	1.9.2	Commons Beanutils (http://commons.apache.org/beanutils)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/commons-chain.jar	1.2	Commons Chain (http://commons.apache.org/chain)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/commons-codec.jar	1.9	Commons Codec (http://commons.apache.org/codec)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/commons-collections.jar	3.2.2	Commons Collections (http://commons.apache.org/collections)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/commons-compress.jar	1.18	Commons Compress (http://commons.apache.org/compress)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portals/commons-configuration.jar	1.10	Commons Configuration (http://commons.apache.org/configuration)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	

lib/portal/commons-dbcj.jar	1.2.2	Commons DBCP (http://commons.apache.org/dbcp)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-digester.jar	1.8.1	Commons Digester (http://commons.apache.org/digester)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-discovery.jar	0.4.0	Commons Discovery (http://commons.apache.org/discovery)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2002-2006 The Apache Software Foundation	
lib/portal/commons-exec.jar	1.3	Commons Exec (http://commons.apache.org/proper/commons-exec)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-fileupload.jar	1.3.2	Commons FileUpload (http://commons.apache.org/fileupload)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2002-2006 The Apache Software Foundation	
lib/portal/commons-httpclient.jar	3.1.0	Commons HttpClient (http://hc.apache.org/httpclient-legacy/index.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-io.jar	2.2.0	Commons IO (http://commons.apache.org/io)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2001-2007 The Apache Software Foundation	
lib/portal/commons-lang.jar	2.6.0	Commons Lang (http://commons.apache.org/lang)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2001-2007 The Apache Software Foundation	
lib/portal/commons-logging.jar	1.2.0	Commons Logging (http://commons.apache.org/logging)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-math.jar	2.0.0	Commons Math (http://commons.apache.org/math)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-pool.jar	1.5.4	Commons Pool (http://commons.apache.org/pool)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/commons-validator.jar	1.5.0	Commons Validator (http://commons.apache.org/validator)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2001-2015 The Apache Software Foundation	
lib/portal/concurrent.jar	1.3.4	Concurrent (http://g.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html)	Public Domain (http://en.wikipedia.org/wiki/Public_domain) Technology License From Sun Microsystems Inc. To Doug Lea (http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/sun-c.license.pdf)	
lib/portal/crypt.jar		Manticores UFCrypt (http://manticores.2y.net/Java/examples/Crypt.html)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/daisydiff.jar	1.2	DaisyDiff (http://code.google.com/p/daisydiff/)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This was compiled for compatibility with JDK 5. Removed org.apache.*, org.cyberneko.*, and org.w3c.* because it conflicts with nekohtml.jar and xercesimpl.jar.
lib/portal/displaytag.jar	1.2	Display Tag Library (http://displaytag.sourceforge.net)	Artistic License (http://opensource.org/licenses/artistic-license-1.0)	
lib/portal/dom4j.jar	1.6.1	dom4j (http://dom4j.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/easyconf.jar	0.9.5	EasyConf (http://easyconf.sourceforge.net)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2004-2005 Germinus XXI	
lib/portal/eclipse-core-runtime.jar	20070801	Eclipse Core Runtime (http://dev.eclipse.org/viewcs/index.cgi/org.eclipse.core.runtime)	Eclipse Public License 1.0 (http://www.eclipse.org/legal/epl-v10.html)	
lib/portal/ecs.jar	1.4.2	Element Construction Set (http://jakarta.apache.org/ecs/index.html)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/efontbox.jar	1.8.12	PDFBox (http://pdfbox.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/freshcookies-security.jar	0.54	Freshcookies (http://freshcookies.org/freshcookies-security)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/gif89.jar		GIF89Encoder (http://mge.net/java/gifenc)	GIF89 Public Domain () BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses) Copyright (c) 1996 by Jef Poskanzer <jef@acme.com>. All rights reserved.	
lib/portal/hessian.jar	4.0.3	Hessian (http://www.caucho.com/hessian)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1)	
lib/portal/hibernate-commons-annotations.jar	3.2.0	Hibernate (http://www.hibernate.org)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/hibernate-core.jar	3.6.10.LIFERAY-PATCHED-3	Hibernate (http://www.hibernate.org)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	This includes a public patch from #HH-6286.
lib/portal/hikaricp.jar	2.4.2	HikariCP (https://github.com/brettwooldridge/HikariCP)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/htmlparser.jar	1.6	HTML Parser (http://htmlparser.sourceforge.net/project-info.html)	Common Public License 1.0 (http://opensource.org/licenses/cpl1.0.php)	
lib/portal/httpclient.jar	4.5	HttpComponents (http://hc.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/httpcore.jar	4.5	HttpComponents (http://hc.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/httpmime.jar	4.5	HttpComponents (http://hc.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/ical4j.jar	1.0	iCal4j (http://ical4j.sourceforge.net)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses) Copyright (c) 2007, Ben Fortuna. All rights reserved.	
lib/portal/im4java.jar	1.2.0	im4java (http://im4java.sourceforge.net)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html) Copyright (c) Bernhard Bablok 2008-2010	
lib/portal/isoparser.jar	1.1.18	ISO Parser (http://code.google.com/p/mp4parser/)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/jabsorb.jar	1.3.2.LIFERAY-PATCHED-1	jabsorb (http://jabsorb.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	Removed org.json.* because it json-java.jar. See LPS-78517.
lib/portal/jai_codec.jar	1.1.3	Java Advanced Imaging (http://java.sun.com/javase/technologies/desktop/media/jai)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/jai_core.jar	1.1.3	Java Advanced Imaging (http://java.sun.com/javase/technologies/desktop/media/jai)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/jakarta-regex.jar	1.5	Jakarta Regex (http://jakarta.apache.org/regex)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/java-diff.jar	1.0.5	Java Diff (http://repo1.maven.org/maven2/org.inca/ava-java-diff/1.1)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/java-libpst.jar	0.8.1	java-libpst (http://code.google.com/p/java-libpst)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/javassist.jar	3.18.2	Javassist (http://www.csg.is.titech.ac.jp/~chiba/javassist)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/jaxb-api.jar	2.3.0	JAXB-API (http://jaxb.java.net)	CCDL 1.1 (https://oss.oracle.com/licenses/CCDL-1.1)	
lib/portal/jaxb-impl.jar	2.1.11	Java Architecture for XML Binding (http://jaxb.dev.java.net)	CCDL 1.0 (http://glassfish.java.net/public/CCDLv1.0.html)	
lib/portal/jaxen.jar	1.1.1	Jaxen (http://jaxen.org)	Jaxen License (http://jaxen.codehaus.org/license.html) Copyright (c) 2003 The Werken Company. All Rights Reserved.	
lib/portal/jaxrpc.jar	1.1	Java API for XML-based RPC (http://jax-rpc.dev.java.net)	CCDL 1.0 (http://glassfish.java.net/public/CCDLv1.0.html)	
lib/portal/jaxrs-api.jar	2.1	Java API for RESTful Web Services (http://jax-rs-spec.java.net)	CCDL 1.1 (https://oss.oracle.com/licenses/CCDL-1.1)	
lib/portal/jaxws-r1.jar	2.1.7	Java API for XML Web Services (http://jax-ws.java.net)	CCDL 1.1 (http://web.archive.org/web/20090305064954/http://www.sun.com/cddl/cddl.html)	
lib/portal/jazzy.jar	0.5	Jazzy (http://jazzy.sourceforge.net)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/jcifs.jar	1.3.14	JCIFS (http://jcifs.samba.org)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/jc-over-slf4j.jar	1.7.2	SLF4J (http://www.slf4j.org)	MIT License (http://opensource.org/licenses/MIT) Copyright (c) 2004-2007 QOS.ch	
lib/portal/jcommon.jar	1.0.16	JCommon (http://www.jfree.org/jcommon)	LGFL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portal/jdom.jar	1.1.1	JDOM (http://www.jdom.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses) Copyright (c) 2000-2004 Jason Hunter & Brett McLaughlin. All rights reserved.	
lib/portal/jempbox.jar	1.8.12	PDFBox (http://pdfbox.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	

lib/portalt/jena.jar	1.4	Jena (http://jena.sourceforge.net)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses) Copyright (c) 2000-2008 Hewlett-Packard Company, LP	
lib/portalt/jericho-html.jar	3.1	Jericho HTML Parser (http://jerichohtml.sourceforge.net)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/jersey-common.jar	2.26	Jersey core common packages (https://jersey.github.io/)	CDL 1.1 (https://oss.oracle.com/licenses/CDL+GPL-1.1)	
lib/portalt/jfreechart.jar	1.0.13	JFreeChart (http://www.jfree.org/jfreechart)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/jhighlight.jar	1.0	JHighlight (http://jhighlight.dev.java.net)	CDL 1.0 (http://glassfish.java.net/public/CDLv1.0.html)	
lib/portalt/jhibs-filters.jar		JH Labs Java Image Filters (http://www.jhibs.com/p/filters)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This JAR was bundled with SimpleCaptcha and originally named imaging.jar.
lib/portalt/jmatio.jar	1.0	JMatIO (http://sourceforge.net/projects/jmatio)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jna.jar	4.1.0	Java Native Access (https://github.com/twall/jna)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/jodconverter.jar	2.2.2	JODConverter (http://jodconverter.sourceforge.net)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/jodd-bean.jar	3.6.4	Jodd BeanUtil (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-core.jar	3.6.4	Jodd Core (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-http.jar	3.6.4	Jodd HTTP Client (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-json.jar	3.6.4	Jodd JSON (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-proxy.jar	3.6.4	Jodd Proxy (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-servlet.jar	3.6.4	Jodd Servlet (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jodd-upload.jar	3.6.4	Jodd Upload (http://jodd.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portalt/jrcs-diff.jar	0.3.0	JRCS diff utilities (http://www.suigeneris.org/kb/display/jrcs/JRCS+Home)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1)	
lib/portalt/json-java.jar	c7d2d9161321e9	JSON in Java (https://github.com/douglasrockford/JSON-java)	JSON License (https://github.com/douglasrockford/JSON-java/blob/master/README)	See the Ant target "build-json-java-jar" in portal-impl/build.xml.
lib/portalt/json-schema-validator.jar	2.2.3	json-schema-validator (https://github.com/fge/json-schema-validator)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) LGPL 3.0 (https://www.gnu.org/licenses/lgpl-3.0)	Removed javax.mail * because it conflicts with mail.jar.
lib/portalt/jsr107-cache.jar	1.0	JSR 107 (http://sourceforge.net/projects/jsr107cache)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/jstl-api.jar	1.2	JSTL (https://jstl.dev.java.net)	CDL 1.1 (http://web.archive.org/web/20090305044954/http://www.sun.com/cddl/cddl.html)	
lib/portalt/jstl-impl.jar	1.2	JSTL (https://jstl.dev.java.net)	CDL 1.1 (http://web.archive.org/web/20090305044954/http://www.sun.com/cddl/cddl.html)	
lib/portalt/juh.jar	2.3.0	OpenOffice.org Java Uno (http://udk.openoffice.org)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/universaalcharDET.jar	1.0.3	Universal Character Detection (http://universaalcharDET.googlecode.com)	MPL 1.1 (http://www.mozilla.org/MPL/1.1)	
lib/portalt/jur.jar	2.3.0	OpenOffice.org Java Uno (http://udk.openoffice.org)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/jws-api.jar	1.1	Java EE Web Services Metadata API (http://glassfish.java.net)	CDL 1.1 (https://oss.oracle.com/licenses/CDL-1.1)	
lib/portalt/kxml2.jar	2.3.0	kXML 2 (http://kxml.sourceforge.net/kxml2)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	See LPS-24702.
lib/portalt/liferay-icu4j.jar	54.1.1.LIFERAY-PATCHED-1	ICU4J (http://www.icu-project.org)	ICU License (http://www.icu-project.org/repos/icu/trunk/license.html) Copyright (c) 1995-2006 International Business Machines Corporation and others	See LPS-1907, LPS-36663, LPS-54422, and modules/third-party-contrib-icu/build.xml.
lib/portalt/log4j-extras.jar	1.2.17	Log4j Extras (http://logging.apache.org/log4j/extras)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/log4j.jar	1.2.17	Log4j (http://logging.apache.org/log4j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/mchange-commons-java.jar	0.2.9	C3P0 (http://sourceforge.net/projects/c3p0)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/metadata-extractor.jar	2.8.0	Metadata Extractor (http://www.drewnoakes.com/code/exif)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/mime4-core.jar	0.7.2	Mime4j (http://james.apache.org/mime4j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/mime4-dom.jar	0.7.2	Mime4j (http://james.apache.org/mime4j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/mimepull.jar	1.3	MIME pull (http://mimepull.java.net)	CDL 1.1 (https://glassfish.java.net/public/CDL+GPL_1_1.html)	
lib/portalt/monte-cc.jar	0.7.7	Monte Media Library (http://www.randelshofer.ch/monte)	LGPL 3.0 (https://www.gnu.org/licenses/lgpl-3.0)	
lib/portalt/nekohtml.jar	1.9.14	CyberNeko HTML Parser (http://sourceforge.net/projects/nekohtml)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/netcdf.jar	4.2.20	NetCDF (http://www.unidata.ucar.edu/packages/netcdf-java)	Netcdf License (http://www.unidata.ucar.edu/software/netcdf/copyright.html)	
lib/portalt/netty-all.jar	4.0.23	Netty (http://netty.io)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/odmg.jar	3.0	ODMG - Object Data Management Group Java Bindings (http://www.odmgs.org/odmg)	Apache License 2.0 () Authored by David Jordan (as Java Editor of the Object Data Management Group)	
lib/portalt/oro.jar	2.0.8	ORO (http://jakarta.apache.org/oro)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1) Copyright (c) 2000-2002 The Apache Software Foundation. All rights reserved.	
lib/portalt/pdfbox.jar	2.0.9	PDFBox (http://pdfbox.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portalt/poi-ooxml-schemas.jar	3.11	POI (http://poi.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2009 The Apache Software Foundation	
lib/portalt/poi-ooxml.jar	3.11	POI (http://poi.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2009 The Apache Software Foundation	
lib/portalt/poi-scratchpad.jar	3.11	POI (http://poi.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2009 The Apache Software Foundation	
lib/portalt/poi.jar	3.11	POI (http://poi.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2009 The Apache Software Foundation	
lib/portalt/rdf-filter.jar	1.0	RDF Filter (http://rdf-filter.sourceforge.net)	Public Domain (http://en.wikipedia.org/wiki/Public_domain)	
lib/portalt/rhino.jar	1.7R4	Mozilla Rhino (https://developer.mozilla.org/en/Rhino)	MPL 2.0 (https://www.mozilla.org/en-US/MPL/2.0)	
lib/portalt/ridi.jar	2.3.0	OpenOffice.org Java Uno (http://udk.openoffice.org)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/rmi-api.jar	1.0.5.Final	The javax.rmi and javax.rmi.CORBA classes (https://github.com/jboss/rmi-api_spec)	LGPL 2.1 (http://www.gnu.org/licenses/lgpl-2.1.html)	
lib/portalt/rome.jar	1.0	ROME (http://java.net/projects/rome)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2004 Sun Microsystems, Inc.	See LPS-25084.
lib/portalt/rome-tools.jar	1.5.1	Rome Tools (http://rometools.github.io/rome/)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2004 Sun Microsystems, Inc.	
lib/portalt/saa-j-api.jar	1.3	SAAJ (http://saa-j.dev.java.net)	CDL 1.0 (http://glassfish.java.net/public/CDLv1.0.html)	
lib/portalt/saa-j-impl.jar	1.3	SAAJ (http://saa-j.dev.java.net)	CDL 1.0 (http://glassfish.java.net/public/CDLv1.0.html)	
lib/portalt/scribe.jar	1.0.8	Scribe (https://github.com/fernandezpablo85/scribe-java)	MIT License (http://opensource.org/licenses/MIT)	This was compiled for compatibility with JDK 5.

lib/portal/serializer.jar	2.7.2	Xalan-Java (http://xalan.apache.org/xalan-j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999-2002, Lotus Development Corporation Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2001-2002, Sun Microsystems. Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2003, IBM Corporation., http://www.ibm.com	
lib/portal/sigar.jar	1.6.4	Sigar (https://sourceforge.net/projects/sigar/)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	This includes modifications for compatibility with JDK 5.
lib/portal/simplecaptcha.jar	1.1.1	SimpleCaptcha (http://simplecaptcha.sourceforge.net)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/slf4j-api.jar	1.7.2	SLF4J (http://www.slf4j.org)	MIT License (http://opensource.org/licenses/MIT) Copyright (c) 2004-2007 QOS.ch	
lib/portal/soap-api.jar	1.4.0	SAAJ API (https://javaee.github.io/javaee-spec/)	()	
lib/portal/soap.jar	2.2	Apache Simple Object Access Protocol (http://archive.apache.org/dist/ws/soap)	Apache License 1.1 (http://www.apache.org/licenses/LICENSE-1.1) Copyright (c) 1999 The Apache Software Foundation. All rights reserved.	
lib/portal/spring-aop.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-aspects.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-beans.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This includes missing OSGi headers.
lib/portal/spring-context-support.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-context.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-core.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-expression.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-jdbc.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-jms.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-orm.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-oxm.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-tx.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-web.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-webmvc-portlet.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/spring-webmvc.jar	4.1.9	Spring (http://www.springframework.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	This does not include missing OSGi headers. See LPS-49575.
lib/portal/stax-ex.jar	1.2	StAX-Ex (http://stax-ex.java.net)	CDDL 1.1 (http://web.archive.org/web/20090305064954/http://www.sun.com/cddl/cddl.html)	
lib/portal/stax.jar	1.0.1	JSR 173 Streaming API for XML (http://jcp.org/en/jsr/detail?id=173)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/streambuffer.jar	0.9	XML Stream Buffer (http://java.net/projects/xmlstreambuffer)	CDDL 1.0 (http://glassfish.java.net/public/CDDL1.0.html)	
lib/portal/stringtemplate.jar	3.0	StringTemplate (http://www.stringtemplate.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/struts-core.jar	1.3.10	Struts (http://struts.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/tagsoup.jar	1.2.1	TagSoup (http://home.ccl.org/~cowan/XML/tagsoup)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/tika-core.jar	1.18	Tika (http://tika.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/tika-parsers.jar	1.18	Tika (http://tika.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/tomcat-jdbc.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/tomcat-juli.jar	9.0.10	Tomcat (http://tomcat.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/transaction.jar	1.3	Project GlassFish Java Transaction API (http://jta-spec.java.net)	()	
lib/portal/truezip.jar	6.7 RC1	TrueZIP (http://truezip.dev.java.net)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/unoil.jar	2.3.0	OpenOffice.org Java Uno (http://udk.openoffice.org)	LGPL 2.1 (http://www.gnu.org/licenses/gpl-2.1.html)	
lib/portal/urirewritefilter.jar	4.0.3	URL Rewrite Filter (http://tuckey.org/urirewrite)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/vorbis-java-core.jar	0.6	Vorbis (http://xiph.org/vorbis)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/vorbis-java-tika.jar	0.6	Vorbis (http://xiph.org/vorbis)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/portal/wsd4j.jar	1.6	WSDL4J (http://sourceforge.net/projects/wsd4j)	Common Public License 1.0 (http://opensource.org/licenses/cpl1.0.php) Copyright (c) IBM Corp 2001, 2005	
lib/portal/wstx.jar	3.2.4	Woodstox (http://woodstox.codehaus.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0)	
lib/portal/xalan.jar	2.7.2	Xalan (http://xalan.apache.org/xalan-j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999-2002, Lotus Development Corporation Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2001-2002, Sun Microsystems. Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2003, IBM Corporation., http://www.ibm.com	

lib/porta/xbean-spring.jar	2.8	XBean (http://geronimo.apache.org/xbean)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2005-2006 The Apache Software Foundation	
lib/porta/xbean.jar	2.5.0	XMLBeans (http://xmlbeans.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2004-2009 The Apache Software Foundation	Removed org.w3c.* because it conflicts with xml-apis.jar. Removed META-INF/INDEX.LIST because of complications with class loading in Windows. See LFS-9385.
lib/porta/xercesimpl.jar	2.11.0	Xerces (http://xerces.apache.org/xerces2-j)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999, IBM Corporation., http://www.ibm.com Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) copyright (c) 1999, Sun Microsystems., http://www.sun.com Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999, iClick, Inc.	
lib/porta/xml-apis.jar	1.4.01	xml-commons (http://xerces.apache.org/xml-commons)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999, IBM Corporation., http://www.ibm.com Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999, Sun Microsystems., http://www.sun.com Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2000 World Wide Web Consortium, http://www.w3.org	
lib/porta/xmlsec.jar	1.5.8	XML Security (http://santuario.apache.org)	Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 1999-2006 The Apache Software Foundation. Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) Copyright (c) 2005 Sun Microsystems, Inc. All rights reserved. Apache License 2.0 (http://www.apache.org/licenses/LICENSE-2.0) (c) 2001, Institute for Data Communications Systems, http://www.nue.et-inf.uni-siegen.de	
lib/porta/xmpcore.jar	5.1.2	Extensible Metadata Platform (http://www.adobe.com/devnet/xmp.html)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses)	
lib/porta/xpp3.jar	1.1.4c	XPP3 (http://www.extreme.indiana.edu/xgws/xsoap/xpp)	Indiana University Extreme! Lab Software License 1.1.1 (http://www.extreme.indiana.edu/xgws/xsoap/PullParser/LICENSE.txt) Copyright (c) 2002 Extreme! Lab, Indiana University. All rights reserved.	
lib/porta/xstream.jar	1.4.7	XStream (http://xstream.codehaus.org)	BSD Style License (http://en.wikipedia.org/wiki/BSD_licenses) Copyright (c) 2003-2006, Joe Walnes. Copyright (c) 2006-2009, 2011 XStream Committers. All rights reserved.	
lib/porta/xuggle-xuggler-noarch.jar	5.4	Xuggler (http://www.xuggle.com)	LGPL 3.0 (https://www.gnu.org/licenses/lgpl-3.0)	
lib/porta/xz.jar	1.5	XZ (http://tukaani.org/xz/java.html)	Public Domain (http://en.wikipedia.org/wiki/Public_domain)	
lib/porta/yui-compressor.jar	2.4.7	Yui Compressor (http://developer.yahoo.com/yui/compressor/)	BSD Style License (http://developer.yahoo.com/yui/license.html)	
powwow-porlet.war/jericho.html.jar	3.1	Jericho HTML Parser (http://jericho.htmlparser.net)	GNU Lesser General Public License (LGPL) (http://www.gnu.org/licenses/lgpl.txt)	

Written Offer for Source Code

For binaries that you receive from Liferay that are licensed under any version of the GNU General Public License (GPL) or the GNU LGPL, you may receive a complete machine readable copy of the source code by either downloading it from the binary's website or sending a written request to:

Liferay, Inc.
Attn: Legal
1400 Montefino Ave
Diamond Bar, CA 91765

Your request should include: (i) the name of the covered binary, (ii) the name and version number of the Liferay product containing the covered binary, (iii) your name, (iv) your company name (if applicable) and (v) your return mailing and email address (if available).

We may charge you a nominal fee to cover the cost of the media and distribution.

Your request must be sent within three years of the date you received the GPL or LGPL covered code.